

December 15, 2014

Camille Davis
Contract Specialist
Cincinnati Procurement Operations Division
26 W. Martin Luther King Drive
Cincinnati, Ohio 45268

Dear Ms. Davis:

Contract No. EP-C-11-038/Task Order 0026
"Technical Support for the Site Characterization and Monitoring Technical Support Center (SCMTSC) Optional Year 2"

Enclosed is Task Order 0026 Technical/Financial Progress Report for the period October 31, 2014, through November 27, 2014.

An invoice for effort expended under Task Order 0026 for this period was sent to <u>DDC-KInvoices@epa.gov</u> on December 15, 2014, for processing.

Please contact me at (561) 598-6505 if you have any comments, questions, or suggestions.

Sincerely,

Amy Dindal

Contract Manager

Energy and Environment

Stuy B Jindal

AD:llc

Enclosures

cc:

Jorge Rangel (EPA Project Officer)

Ruth Corn (EPA Alternate Project Officer)

Bill Hagel (EPA Task Order Manager, TO 0026)

Technical Progress Report

for

November 2014

Contract No. EP-C-11-038 Task Order 0026

from

Contract Manager – Amy Dindal Task Order Leader – Tom Kelly

to

Contract Specialist – Camille Davis Project Officer – Jorge Rangel Task Order Manager – Bill Hagel

Technical Support for the Site Characterization and Monitoring Technical Support Center (SCMTSC) Optional Year 2

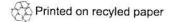
SECTION I. SCOPE

This TO is to provide technology-based assistance to EPA's Regional Remedial Project Managers and On-Scene Coordinators through the Superfund Technical Support Project (TSP) which was established by the Office of Solid Waste and Emergency Response (OSWER), Regional Superfund Offices, and the Office of Research and Development (ORD). The primary objectives of the Site Characterization and Monitoring Technical Support Center (SCMTSC), managed by the Superfund and Technology Liaison Program of the Office of Science Policy, are to help regional project managers:

- 1. Use state-of-the-science tools to characterize and monitor hazardous sites:
- Research state-of-the-science information, innovative technologies, and products and services;
- 3. Evaluate and apply innovative characterization and monitoring technologies and procedures properly and consistently;
- 4. Acquire relevant technical support and expert reviews of scientific documents.

Technical directives (TDs) under this TO are intended to provide technical expertise to ensure that hazardous waste site characterization and assessments use sound science and that sampling, monitoring, analytical, and quality control methods and requirements are effective to achieve project objectives. Under this TO Battelle provides technical expertise and knowledge on innovative technologies that include:

- · Technologies for on-site measurements of inorganic and organic contaminants
- Special (non-routine) laboratory analysis



- Sampling and monitoring approaches to determine levels and extent of site contaminants
- Models that predict contaminant movement and disposition/deposition
- Special (non-routine) contaminant identification (such as: Tentatively Identified Compounds (TICs), contaminant isomers, and fingerprinting), and
- Evaluations of work plans, sampling and analysis plans, quality assurance project plans, and other site-related technical documents.

SECTION II. TECHNICAL PROGRESS FOR CURRENT REPORTING PERIOD

Exemption 4 Confidential Business Information (CBI)

TD3-03 B.F. Goodrich Site: The draft remedial investigation (RI) report was completed and was submitted to EPA on November 12. That draft report incorporates revisions to address EPA comments on the first draft that was prepared under a previous TD, and includes the draft risk assessment (RA) for the B.F. Goodrich site. The EPA Regional RPM provided review comments on the draft RI report on November 18, and comments on the draft baseline environmental risk assessment and human health risk assessment on November 20 and 24, respectively. Discussions began with the RPM regarding Battelle conducting an independent RA, rather than relying on existing RA's developed previously by the responsible parties at the site.

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SECTION III. DIFFICULTIES ENCOUNTERED

No problems were encountered in this reporting period.

SECTION IV. ANTICIPATED ACTIVITY FOR NEXT REPORTING PERIOD

Exemption 4 Confidential Business Information (CBI)

TD3-03: Revisions will be made to the draft RI/RA report upon receipt of comments from peer reviewers. Upon EPA's direction Battelle will undertake a new RA development effort.

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SECTION V. SCHEDULES OF DELIVERABLES

Exemption 4 Confidential Business Information (CBI)

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TD3-03: Schedule of Deliverables

Deliverable	Due Date	Actual Date
TDF2 Form	September 8, 2014	September 10, 2014
Draft RI Report	November 7, 2014	November 12, 2014
Final RI Report	December 12, 2014	

Exemption 4 Confidential Business Information (CBI)

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SECTION VI. CURRENT EXPENDITURES

	October 31, 2014 November 27, 2014	Cumulative Expended through Present	Task Order 0026 Total Appropriation
Total Cost Total Fee			-
Total Cost plus Fee	Exemption 4 Confidential E	\$325,000	
Technical hours:	Exemplion 4 Commonium -		
Battelle			3,200

Exemption 4 Confidential Business Information (CBI)

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	October 31, 2014 November 27, 2014	Cumulative Expended through Present	Task Order 0026 TD 3-3 Total Appropriation
Total Cost	\$6,530	\$91,939	
Total Fee	\$426	\$5,490	
Total Cost plus Fee	\$6,956	\$97,429	\$97,429
Technical hours:			
Battelle	183.60	930.45	804

Exemption 4 Confidential Business Information (CBI)

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SECTION VII. FINANCIAL SUMMARY

Technical Support for the Site Characterization and Monitoring Technical Support Center (SCMTSC) OY2 EPA STREAMS Contract No. EP-C-11-038/26

Cumulative Dollars-			TO 0026, 1	TD 3-3 Voucher 3
Cumulative Expenses 08/29/13			Current	Cumulative
Expenditures by Cost Class			Month	Expenditures
Labor Costs			\$18,295	\$87,98
Other Direct Costs Travel	471	177	\$1,128	\$5,83
General & Administrative		₹.	\$0	842.05
Purchased Services		Ф	\$2,815 \$0	\$13,05
Purchased Materials		⋣	\$0	3
Subcontractors		2	\$0	3
Miscellaneous		0	\$0	
Cost of Facilities Capital		2	\$217	\$99
Final Indirect Cost Adjustment	88	4	\$0	S
Total Cost	201	Q	\$22,455	\$107,86
Fee		9	\$1,331	\$6,39
LESS Amount in Excess of Cost		≤	(\$15,925)	(\$15,92
LESS Amount in Excess of Fee		<u>Q</u>	(\$905)	(\$90
Total Cost Plus Fee		ä	\$6,956	\$97,42
		<u>a</u>		
Total Proposed for Task Order 0		В		\$97,42
Funding Approved for Task Orde	- <u>- ;</u>	<u>s</u> .		\$97,42
Task Order Funding Received		<u>6</u>		\$97,42
Approved Funding not Allocated	17.6	SS		\$
Cumulative Invoiced to EPA		5		\$97,42
Amount Suspended/Disallowed		<u>o</u>		\$
Remaining Task Order 0026 Fun		ੜ੍ਹ		\$
Percentage of Task Order 0026 Func		≌.	F-1-0-1	100.00
Task Order Expiration Date	41.5	Exemption 4 Confidential Business Information (CBI)	· · · · · · · · · · · · · · · · · · ·	12/31/2014
		<u>C</u>	b	//098091
otal Proposed Task Order Labor Ho	1.5	<u>B</u>		804
abor Hours Approved for Task Orde	1.7			804
abor Hours Associated with Current				804
alance of Labor Hours to be Funded umulative Qualified Labor Hours De			2	0
emaining Approved Hours				930.45
roposed Hourly Rate				\$121
ourly Rate Delivered ¹⁴⁷			-	\$105
) Based on cumulative invoice divid				
nticipated Spending Next Month			-	\$500
nticipated Labor Hours to be Expen				- 4

Exemption 4 Confidential Business Information (CBI)

SECTION VIII. LABOR CATEGORY SUMMARY

Technical Support for the Site Characterization and Monitoring Technical Support Center (SCMTSC) OY2

EPA STREAMS Contract No. EP-C-11-038/26

Current Month Reporting Period: October 31 - November 27, 2014

EPA Labor Category	Staff Member Name	Current Month Hours	Cumulative Hours Delivered
P4 Project Manager			
	Dindal, Amy		
P4 Engineer		m	
	Voorhies, Nat	Xe Xe	
P4 Scientist		Exemption 4 Confidential Business Information (CBI)	
	Barton, Drew	9 2	
	Brennan, Sarah	ဂ္ဂ	
	Hicks, Jim	onf.	
F0	Kelly, Tom	de	
	Large, Mona	ati.	
	Rodgers, Pam	<u> </u>	
	Smith, Jane	S	
	Chappie, Daniel J	ine	
	Thurston, Heather	SS	
	Richardson, Norman	n i	
	Hines, Stephanie	Ħ	
P3 Engineer		atio	
	Rectanus, Heather	n (C	
P3 Scientist	10	89	
	Bullard, Andy		
	MacGregor, lan		
	DeYoung, Damon		
P2 Engineer			
	Hanft, Elizabeth		

	Total Hours an	The state of the s	350.10	1,154.75
		Quigley, Kelly	3)	
E	Editor		୍ରିପ	
		Saylor, Victor J	tion	
GD	Graphic Designer		ma	
		Clay, Lisa	Infor	
PA	Program Administr	ator	SSe	
		Golden,Holly D	Business Information (CBI)	
		Copley, Rhonda		
С	Clerical		entia	
		Hawkins, Jared	Confidential	
P2	Scientist		ion 4 Cor	



March 13, 2015

Camille Davis
Contract Specialist
Cincinnati Procurement Operations Division
26 W. Martin Luther King Drive
Cincinnati, Ohio 45268

Dear Ms. Davis:

Contract No. EP-C-11-038/Task Order 0026
"Technical Support for the Site Characterization and Monitoring Technical Support
Center (SCMTSC) Optional Year 2"

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Please contact me at (561) 598-6505 if you have any comments, questions, or suggestions.

Sincerely,

Amy Dindal

Contract Manager

Energy and Environment

Shuy B Jinda

AD:llc

Enclosures

cc:

Jorge Rangel (EPA Project Officer)

Ruth Corn (EPA Alternate Project Officer)

Bill Hagel (EPA Task Order Contracting Officer Representative, TO 0026)

Felicia Barnett (EPA Alternate Task Order Contracting Officer Representative, TO 0026)

Technical Progress Report

for

February 2015

Contract No. EP-C-11-038 Task Order 0026

from

Contract Manager – Amy Dindal Task Order Leader – Tom Kelly

to

Contract Specialist – Camille Davis
Project Officer – Jorge Rangel
Task Order Contracting Officer Representative (TOCOR) – Bill Hagel

Technical Support for the Site Characterization and Monitoring Technical Support Center (SCMTSC) Optional Year 2

SECTION I. SCOPE

This TO is to provide technology-based assistance to EPA's Regional Remedial Project Managers and On-Scene Coordinators through the Superfund Technical Support Project (TSP) which was established by the Office of Solid Waste and Emergency Response (OSWER), Regional Superfund Offices, and the Office of Research and Development (ORD). The primary objectives of the Site Characterization and Monitoring Technical Support Center (SCMTSC), managed by the Superfund and Technology Liaison Program of the Office of Science Policy, are to help regional project managers:

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- Special (non-routine) laboratory analysis

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- Evaluations of work plans, sampling and analysis plans, quality assurance project plans, and other site-related technical documents.

SECTION II. TECHNICAL PROGRESS FOR CURRENT REPORTING PERIOD

Exemption 4 Confidential Business Information (CBI)

TD3-03 B.F. Goodrich Site: On February 11 Battelle received a TDF3 form calling for the performance of a human health risk assessment (HHRA) and baseline ecological risk assessment (BERA) for the B.F. Goodrich site. Battelle submitted a TDF2 form in response on February 20 and received EPA approval on February 23. Work began on development of the HHRA and BERA.

Exemption 4 Confidential Business Information (CBI)

SECTION III. DIFFICULTIES ENCOUNTERED

No problems were encountered in this reporting period.

SECTION IV. ANTICIPATED ACTIVITY FOR NEXT REPORTING PERIOD

Exemption 4 Confidential Business Information (CBI)

TD3-03: Development of the HHRA and BERA for the B.F. Goodrich site will continue.

Exemption 4 Confidential Business Information (CBI)

SECTION V. SCHEDULES OF DELIVERABLES

Exemption 4 Confidential Business Information (CBI)

TD3-03: Schedule of Deliverables

Deliverable	Due Date	Actual Date
TDF2 Form	September 8, 2014	September 10, 2014
Draft RI Report	November 7, 2014	November 12, 2014
Final RI Report	December 12, 2014	TBDa
TDF2 for HHRA and BERA	February 20, 2015	February 20, 2015
Approval of TDF2 for HHRA and BERA	February 27, 2015	February 23, 2015
Draft HHRA Report	April 22, 2015	
Final HHRA Report	May 15, 2015	
Draft BERA Report	May 1, 2015	
Final BERA Report	May 29, 2015	

^a Submission of final report with approval of EPA TOCOR, pending EPA final comments. . A first commission and blood for the contract of

Exemption 4 Confidential Business Information (CBI)

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Exemption 4 Confidential Business Inform	ation (CBI)	

SECTION VI. CURRENT EXPENDITURES

	January 30, 2015 February 26, 2015	Cumulative Expended through Present	Task Order 0026 Total Appropriation
Total Cost Total Fee			· ippropriation
Total Cost plus Fee Technical hours:	Exemption 4 Confidential Bus	iness Information (CBI	\$325,000
Battelle			3,200

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	January 30, 2015 February 26, 2015	Cumulative Expended through Present	Task Order 0026 TD 3-3 Total Appropriation
Total Cost Total Fee	\$0 \$0	\$91,939 \$5,490	
Total Cost plus Fee	\$0	\$97,429	\$97,429
Technical hours: Battelle	0.00	931.70	804

	January 30, 2015 February 26, 2015	Cumulative Expended through Present	Task Order 0026 TD 3-3 MOD Total Appropriation
Total Cost Total Fee	\$3,705 \$220	\$3,705 \$220	
Total Cost plus Fee	\$3,924	\$3,924	\$102,545
Technical hours: Battelle	28.75	28.75	804

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Technical Support for the Site Characterization and Monitoring Technical Support Center (SCMTSC) OY2 EPA STREAMS Contract No. EP-C-11-038/26

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3-3 MOD Voucher	Cumulative	\$1,038 1518 08
TO 0026, TD	Current	\$500,628 1.818
D 3-3 Voucher 6	Cumulative	582,583 058,52
TO 0026, TC	Current	888

Current Current	TD 3-3 Voucher 6 Cumdative	-1	Cumulative
Morth	Espenditure	Month	Expenditues
8	\$87,983	\$3,038	800,038
2	\$5,830	\$151	\$151
2	2	9	3 :
2 5	\$13,059	2 5	Z S
3		3	9
2 2		8	
3	9	2	2
2	\$992	725	153
2	9	R	S.
2	\$107,864	\$3,705	20,03
2	\$6,385	\$220	\$220
2 2	(\$15,825)	2 2	3 3
8	\$97,429	\$3,924	\$3,924
	\$97,429	L	\$102,545
	\$97,429		\$102,545
	897 429		\$102,545
	S		S
	\$97,429		\$3,924
	8		8
	S		\$98,621
	100,00%		3.83%
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	804		100
	708		200
	0		0
	932		0
	-128		804
	\$121		\$128
	\$105		IO/NO#
			200
	3		20,000
	0		27

Exemption 4 Confidential Business Information (CBI)

Exemption 4 Confidential Business Information (CBI)

SECTION VIII. LABOR CATEGORY SUMMARY

Technical Support for the Site Characterization and Monitoring Technical Support Center (SCMTSC) OY2

EPA STREAMS Contract No. EP-C-11-038/26

Current Month Reporting Period: January 30 - February 26, 2015

EPA Labor Category	Staff Member Name	Current Month Hours	Cumulative Hours Delivered
P4 Engineer			
14 Liigilieei	Voorhies, Nat		
D4 Calandal		ξ	
P4 Scientist		ij	
	Barton, Drew	otic .	
	Brennan, Sarah	ž	
	Hicks, Jim	Ô	
	Kelly, Tom	S)	
	Large, Mona	ide	
	Mullins, Larry	n <u>t</u>	
	Rodgers, Pam	E .	
	Smith, Jane	S.	
	Chappie, Daniel J	je je	
	Thurston, Heather	SS	
	Richardson, Norman A	lng f	
	Hines, Stephanie	Sign 1	
	Cutie, Elizabeth A	nati	
P3 Engineer		Exemption 4 Confidential Business Information (CBI)	
	Rectanus, Heather	8	
P3 Scientist		Č	
	Bullard, Andy		
	MacGregor, language double		
	DeYoung, Damon	e a servir de period.	

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P2	Engineer		_	
		Hanft, Elizabeth	E e	Ϋ́.
P2	Scientist		mpt	emp
		Hawkins, Jared	Exemption 4 Confidential Business Information (CBI)	Exemption 4 Confidential Business Information (CBI)
Т	Environmental Techi	nician	Con	۵
		Lindner, Marcie	fide	nfid
С	Clerical		ntial	enti
		Copley, Rhonda	Bu	<u>n</u> D
		Golden, Holly D	sine	usi
		Gollihue, Tiffani	SS	nesc
PA	Program Administrat	or	Info	s Inf
		Clay, Lisa	rmat	orma
GD	Graphic Designer		on on	atior
		Saylor, Victor J	(CB) ()
Е	Editor		=	BI)
		Quigley, Kelly		
	Total Hours		242.75	1,543.65



April 15, 2015

Camille Davis
Contract Specialist
Cincinnati Procurement Operations Division
26 W. Martin Luther King Drive
Cincinnati, Ohio 45268

Dear Ms. Davis:

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Contract Manager

Energy and Environment

Shuy B Jinda

AD:llc

Enclosures

cc: Jorge Rangel (EPA Project Officer)

Ruth Corn (EPA Alternate Project Officer)

Bill Hagel (EPA Task Order Contracting Officer Representative, TO 0026)

Felicia Barnett (EPA Alternate Task Order Contracting Officer Representative, TO 0026)

Technical Progress Report

for

March 2015

Contract No. EP-C-11-038 Task Order 0026

from

Contract Manager – Amy Dindal Task Order Leader – Tom Kelly

to

Contract Specialist – Camille Davis
Project Officer – Jorge Rangel
Task Order Contracting Officer Representative (TOCOR) – Bill Hagel

Technical Support for the Site Characterization and Monitoring Technical Support Center (SCMTSC) Optional Year 2

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SECTION II. TECHNICAL PROGRESS FOR CURRENT REPORTING PERIOD

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Exemption 4 Confidential Business Information (CBI)

TD3-03 B.F. Goodrich Site: Work continued in March on development of both the stand-alone human health risk assessment and the baseline ecological risk assessment. The EPA RPM for the B.F. Goodrich site visited Battelle on March 10 to discuss comments on the B.F. Goodrich remedial investigation report and progress on these recently-awarded risk assessment tasks. That discussion involved several Battelle staff and representatives from the U.S. Army Corps of Engineers and the U.S. Geological Survey.

Exemption 4 Confidential Business Information (CBI)

Expensive contrasting to the party.

SECTION III. DIFFICULTIES ENCOUNTERED

No problems were encountered in this reporting period.

SECTION IV. ANTICIPATED ACTIVITY FOR NEXT REPORTING PERIOD

Exemption 4 Confidential Business Information (CBI)

TD3-03: Development of the HHRA and BERA for the B.F. Goodrich site will continue.

Exemption 4 Confidential Business Information (CBI)

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SECTION V. SCHEDULES OF DELIVERABLES

Exemption 4 Confidential Business Information (CBI)

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TD3-03: Schedule of Deliverables

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Final RI Report	December 12, 2014	TBDa
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Draft HHRA Report	April 22, 2015	
Final HHRA Report	May 15, 2015	
Draft BERA Report	May 1, 2015	
Final BERA Report	May 29, 2015	

^a Submission of final report with approval of EPA TOCOR, pending EPA final comments.

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SECTION VI. CURRENT EXPENDITURES

	February 27, 2015 March 26, 2015	Cumulative Expended through Present	Task Order 0026 Total Appropriation
Гotal Cost Гotal Fee	\$25,935 \$1,537	\$201,956 \$12,012	
Total Cost plus Fee	·		\$318,903
Technical hours:	Exemption 4 Confidential Bu	usiness Information (CBI))
Battelle			3,200

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	February 27, 2015 March 26, 2015	Cumulative Expended through Present	Task Order 0026 TD 3-3 Total Appropriation
Total Cost Total Fee	\$0 \$0	\$91,939 \$5,490	
Total Cost plus Fee	\$0	\$97,429	\$97,429
Technical hours: Battelle	0.00	931.70	804

	February 27, 2015 March 26, 2015	Cumulative Expended through Present	Task Order 0026 TD 3-3 MOD Total Appropriation
Total Cost Total Fee	\$16,647 \$987	\$20,352 \$1,207	
Total Cost plus Fee	\$17,634	\$21,559	\$102,545
Technical hours: Battelle	124.25	153.00	804

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Exemption 4 Confidential Business Information (CBI)	

SECTION VII. FINANCIAL SUMMARY

Technical Support for the Site Characterization and Monitoring Technical Support Center (SCMTSC) 0Y2 EPA STREAMS Contract No. EP-C-11-038/26

Cumulative Dollars	
Currulative Expenses 08/29/13 thru 2/26/1	
Expenditures by Cost Class	
Labor Costs	
Other Direct Costs	
Travel	
General & Administrative	
Purchased Services	
Purchased Malenals	
Subcortractors Miscellaneous	
Miscelaneous Cost of Facilities Capital	
Fired Indirect Cost Adjustment	
Total Cost	
Fee	
LESS Amount in Excess of Cost Appropria	
LESS Amount in Excess of Fee Appropriat	
Total Cost Plus Fee	
TOME COSET REFE	W\$.
Total Proposed for Task Order 0026	
Funding Approved for Task Order 0026	
Task Order Funding Received	
Approved Funding not Alocated	Dur
Cumulative Invoiced to EPA	(4
Amount Suspended/Disallowed	
Remaining Task Order 0026 Funded Amour	<u> </u>
Percentage of Task Order 0026 Funding Ex	pended
Task Order Expiration Date	
	^1
T. 12	
Total Proposed Task Order Labor Hours	
Labor Hours Approved for Task Order 0026	
Labor Hours Associated with Current Fundin	4
Balance of Labor Hours to be Funded	NY NY
Cumulative Qualified Labor Hours Delivered	

Remaining Approved Hours Proposed Hourly Rate Hourly Rate Delivered 11

Articipated Spending Next Month Anticipated Labor Hours to be Expended Next Month

(a) Based on currulative invoice divided by currulative labor hours delivered

Exemption 4 Confidential Business Information (CBI)

3-3 MOD Voucher 7		TD 0026, TD 3-3 Voucher 7			
Cumulative Expenditures	Current Month	Cumulative Expenditures	Current Month		
\$16,098	\$13,058	\$87,983	\$0		
\$1,134	\$983	\$5,830	\$0		
\$0	\$0	\$0	\$0		
\$2,890	\$2,412	\$13,059	\$0		
\$0	\$0	\$0	\$0		
\$0	\$0	\$0	\$0		
\$0	\$0	\$0	\$0		
\$0 \$230	\$0	\$0	\$0		
\$23	\$195 \$0	\$992	\$0 \$0		
\$20,352	\$16,647	\$107,864	\$0		
\$1,207	\$987	\$6,395	\$0		
\$0	\$0	(\$15,925)	\$0		
\$4	\$0	(\$905)	\$0		
\$21,556	\$17,634	\$97,429	\$0		
\$102,548		\$97,429			
\$102.54		\$97,429			
\$102.5		\$97,429			
¥102,0		\$0			
\$21,556	\$21.50		\$97,429		
\$4			so		
\$80,98		\$0			
21,02		100.00%			
8/31/2015		12/31/2014			
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804		804			
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0		200			
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804		932			
\$128		\$121			
. NON/O	5-0-00	\$105			
\$30,00		\$0			
23		0			

Exemption 4 Confidential Business Information (CBI)

SECTION VIII. LABOR CATEGORY SUMMARY

Technical Support for the Site Characterization and Monitoring Technical Support Center (SCMTSC) OY2 EPA STREAMS Contract No. EP-C-11-038/26

Current Month Reporting Period: February 27 - March 26, 2015

EPA Labor Category	Staff Member Name	Current Month Hours	Cumulative Hours Delivered
P4 Engineer	3		
	Voorhies, Nat	32	
P4 Scientist			
Otionast			ũ
	Barton, Drew	T.	Œ
	Brennan, Sarah	<u>@</u>	킁
	Hicks, Jim	큠	6
	Kelly, Tom Large, Mona	Ħ.	ž
	Mullins, Larry	ă	4
	Rodgers, Pam	4	9
	Smith, Jane	8	Exemption 4 Confidential Business Information (CBI)
	Chappie, Daniel J	⊒,	⊕
	Thurston, Heather	9	Ž
	Richardson, Norman A	Exemption 4 Confidential Business Information (CBI)	20
	Hines, Stephanie	<u>a</u>	<u>p</u>
	Cutie, Elizabeth A	Φ.	<u>\sigma</u>
P3 Engineer		<u>s</u>	ae
	Rectanus, Heather	ne e	SS
P3 Scientist	- realitation (realitation	SS	ੜ
10 ocientist		5	δ
	Bullard, Andy	<u>o</u>	3
	MacGregor, lan	3	말.
	DeYoung, Damon	ati.	9
P2 Engineer		9	- 6
	Hanft, Elizabeth	6	Œ
P2 Scientist		Ä	_
	Hawkins, Jared	_	
T Environmental Tecl	hnician		
100	Lindner, Marcie		
C Clerical	a. a		
C Clerical			
	Copley, Rhonda		
	Golden, Holly D		
	Gollihue, Tiffani		
	itor		
PA Program Administra			
	Clay, Lisa		
Program Administra GD Graphic Designer	Clay, Lisa		
	Clay, Lisa Chiques, Leonardo		
	Chiques, Leonardo		
GD Graphic Designer	Chiques, Leonardo		



May 14, 2015

Camille Davis
Contract Specialist
Cincinnati Procurement Operations Division
26 W. Martin Luther King Drive
Cincinnati, Ohio 45268

Dear Ms. Davis:

Contract No. EP-C-11-038/Task Order 0026 "Technical Support for the Site Characterization and Monitoring Technical Support Center (SCMTSC) Optional Year 2"

Enclosed is Task Order 0026 Technical/Financial Progress Report for the period March 27, 2015, through April 30, 2015.

An invoice for effort expended under Task Order 0026 for this period was sent to <u>DDC-KInvoices@epa.gov</u> on May 14, 2015, for processing.

Please contact me at (561) 598-6505 if you have any comments, questions, or suggestions.

Sincerely,

Amy Dindal

Contract Manager

Energy and Environment

Sluy B Jinda

AD:llc

Enclosures

cc:

Jorge Rangel (EPA Project Officer)

Ruth Corn (EPA Alternate Project Officer)

Bill Hagel (EPA Task Order Contracting Officer Representative, TO 0026)

Felicia Barnett (EPA Alternate Task Order Contracting Officer Representative, TO 0026)

Technical Progress Report

for

April 2015

Contract No. EP-C-11-038 Task Order 0026

from

Contract Manager – Amy Dindal Task Order Leader – Tom Kelly

to

Contract Specialist – Camille Davis
Project Officer – Jorge Rangel
Task Order Contracting Officer Representative (TOCOR) – Bill Hagel

Technical Support for the Site Characterization and Monitoring Technical Support Center (SCMTSC) Optional Year 2

SECTION I. SCOPE

This TO is to provide technology-based assistance to EPA's Regional Remedial Project Managers and On-Scene Coordinators through the Superfund Technical Support Project (TSP) which was established by the Office of Solid Waste and Emergency Response (OSWER), Regional Superfund Offices, and the Office of Research and Development (ORD). The primary objectives of the Site Characterization and Monitoring Technical Support Center (SCMTSC), managed by the Superfund and Technology Liaison Program of the Office of Science Policy, are to help regional project managers:

- 1. Use state-of-the-science tools to characterize and monitor hazardous sites;
- Research state-of-the-science information, innovative technologies, and products and services;
- Evaluate and apply innovative characterization and monitoring technologies and procedures properly and consistently;
- 4. Acquire relevant technical support and expert reviews of scientific documents.

Technical directives (TDs) under this TO are intended to provide technical expertise to ensure that hazardous waste site characterization and assessments use sound science and that sampling, monitoring, analytical, and quality control methods and requirements are effective to achieve project objectives. Under this TO Battelle provides technical expertise and knowledge on innovative technologies that include:

- Technologies for on-site measurements of inorganic and organic contaminants
- Special (non-routine) laboratory analysis

- Sampling and monitoring approaches to determine levels and extent of site contaminants
- Models that predict contaminant movement and disposition/deposition
- Special (non-routine) contaminant identification (such as: Tentatively Identified Compounds (TICs), contaminant isomers, and fingerprinting), and
- Evaluations of work plans, sampling and analysis plans, quality assurance project plans, and other site-related technical documents.

SECTION II. TECHNICAL PROGRESS FOR CURRENT REPORTING PERIOD

Exemption 4 Confidential Business Information (CBI)

TD3-03 B.F. Goodrich Site: Early in the reporting period Battelle responded to EPA's request for documentation of the work activities conducted for this site to date. The draft human health risk assessment (HHRA) was submitted for EPA review at the end of April. Also the draft remedial investigation (RI) report was updated to address EPA comments, and several figures in the RI report were revised accordingly.

Exemption 4 Confidential Business Information (CBI)

Allen Maria Company Commencer and the Commencer and Commen

SECTION III. DIFFICULTIES ENCOUNTERED

No problems were encountered in this reporting period.

SECTION IV. ANTICIPATED ACTIVITY FOR NEXT REPORTING PERIOD

Exemption 4 Confidential Business Information (CBI)

EPA in May. The RI report will be updated with the results of the risk assessments, and the HHRA will be revised to address reviewer comments.

Exemption 4 Confidential Business Information (CBI)

SECTION V. SCHEDULES OF DELIVERABLES

TD3-03: Schedule of Deliverables

Deliverable	Due Date	Actual Date
TDF2 Form	September 8, 2014	September 10, 2014
Draft RI Report	November 7, 2014	November 12, 2014
Final RI Report	December 12, 2014	TBDa
TDF2 for HHRA and BERA	February 20, 2015	February 20, 2015
Approval of TDF2 for HHRA and BERA	February 27, 2015	February 23, 2015
Draft HHRA Report	April 22, 2015	April 29, 2015
Final HHRA Report	May 15, 2015	
Draft BERA Report	May 1, 2015	
Final BERA Report	May 29, 2015	

^a Submission of final report with approval of EPA TOCOR, pending EPA final comments.

SECTION VI. CURRENT EXPENDITURES

	March 27, 2015 April 30, 2015	Cumulative Expended through Present	Task Order 0026 Total Appropriation
otal Cost otal Fee	\$52,337 \$3,100	\$254,293 \$15.112	
otal Cost plus Fee		Jan. 200	\$372,704
Battelle	Exemption 4 Confidentia	al Business Information ((CBI) 3,200

	March 27, 2015 April 30, 2015	Cumulative Expended through Present	Task Order 0026 TD 3-3 Total Appropriation
Total Cost Total Fee	\$0 \$0	\$91,939 \$5,490	20
Total Cost plus Fee	\$0	\$97,429	\$97,429
Technical hours: Battelle	0.00	931.70	804

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	March 27, 2015 April 30, 2015	Cumulative Expended through Present	Task Order 0026 TD 3-3 MOD Total Appropriation
Total Cost Total Fee	\$43,872 \$2,601	\$64,225 \$3,808	
Total Cost plus Fee	\$46,474	\$68,033	\$102,545
Technical hours:			
Battelle	394.00	547.00	804

Exemption 4 Confidential Business Information (CBI) i v in an and page at 3 forms to 0 day approved.

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Technical Support for the Site Characterization and Monitoring Technical Support Center (SCMTSC) OYZ EPAC-11-038/26

Exemption 4 Confidential Business Information (CBI)

Cumation	Expenditres	670 068	64.236	55	67.467		2 5	6 5	3	2000	S	\$64.225	53.808	S	R	\$68,033	\$102 545	\$102.545	5100 545	S	\$58.033	\$0	\$34,512	255.30	6,010,015	908	100	108	0	547	257	8728	\$124	\$15,000	818
Curent Connect	North	CU ACT	2,000	50	27.00.1	5	2 5	2 5	3.1	3	S	501.003	108 53	R	S	\$48,474																			
TO 2-3 Voucher 6	Expendition	647 083	46.800		444 945	5	2 5	2 5	2 5	2 1	5	E STATEMENT	50, 40	(\$15,923)	(2005)	597,429	407.439	527 429	847 438	S	\$57 628	S	S	200.001	12/31/2014	709	200	908	0	833	九.	\$121	\$105	05	6
TO 0026, TC	Most	00	2 5	3 2	2 2	3 8	8 1	2 :	3 1	8 :	2 5	5	25	3 3	8	S																			

SECTION VIII. LABOR CATEGORY SUMMARY

Technical Support for the Site Characterization and Monitoring Technical Support Center (SCMTSC) OY2

EPA STREAMS Contract No. EP-C-11-038/26

Current Month Reporting Period: March 27 - April 30, 2015

EPA	A Labor Category	Staff Member Name	Current Month Hours	Cumulative Hours Delivered
P4	Engineer			
14	Linginieer	- N		
	1.7	Voorhies, Nat		
	48	Rosansky, Stephen	_	
			XX	
P4	Scientist		ğ	Ϋ́
-		Barton, Drew	ë	em
		Brennan, Sarah	- - -	Ptic
19 Van		Hicks, Jim	ဂ္ဂ	, S
		Kelly, Tom	<u>a</u>	0
		Large, Mona	<u>e</u>	on on
		Mullins, Larry	tia	ide
		Rodgers, Pam	<u>B</u>	nti
		Smith, Jane	E.	<u> </u>
		Chappie, Daniel J	nes	Sus
		Thurston, Heather L	8	ine
		Richardson, Norman A	ofr	SS
		Hines, Stephanie	Ę.	
		Cutie, Elizabeth A	atio	Ĭ
		Tracy,Karen L	n	atio
P3	Engineer		Exemption 4 Confidential Business Information (CBI)	n (
		Rectanus, Heather	_	Exemption 4 Confidential Business Information (CBI)
P3	Scientist			
		Bullard, Andy		
		MacGregor, lan		
		DeYoung, Damon		
P2	Engineer			
		Hanft, Elizabeth		

P2	Scientist			
			Hawkins, Jared	m
			Kucharzyk, Katarzyna H	řě
			Langton, Melissa L	npti
-	F	l Taabni	lolon	o,
T	Environmenta	rechni	Lindner, Marcie	Ô
			Lescarbeau, Gregory	onf
			Lescarbeau, Gregory	ide
С	Clerical			atie
	Company of the Company		Copley, Rhonda	B
			Golden, Holly D	usi.
			Gollihue, Tiffani	nes
			Castle,Kathy L	sin
PA	Program Adm	inistrato	or	form
		10	Clay, Lisa	natic
GD	Graphic Design	ner		Exemption 4 Confidential Business Information (Con
17.	mountain in the second second second	-	Chiques, Leonardo	ğ
271		.	Saylor, Victor J	_
E	Editor			
- 1		ļJ.	Quigley, Kelly	
	Total Hours	2.4		448.75

3.75 2,185.15



June 15, 2015

Camille Davis
Contract Specialist
Cincinnati Procurement Operations Division
26 W. Martin Luther King Drive
Cincinnati, Ohio 45268

Dear Ms. Davis:

Contract No. EP-C-11-038/Task Order 0026
"Technical Support for the Site Characterization and Monitoring Technical Support Center (SCMTSC) Optional Year 2"

Enclosed is Task Order 0026 Technical/Financial Progress Report for the period May 1, 2015, through May 28, 2015.

An invoice for effort expended under Task Order 0026 for this period was sent to <u>DDC-KInvoices@epa.gov</u> on June 15, 2015, for processing.

Please contact me at (561) 598-6505 if you have any comments, questions, or suggestions.

Sincerely,

Amy Dindal

Contract Manager

Energy and Environment

Sluy B Jinda

AD:llc

Enclosures

cc:

Jorge Rangel (EPA Project Officer)

Ruth Corn (EPA Alternate Project Officer)

Bill Hagel (EPA Task Order Contracting Officer Representative, TO 0026)

Felicia Barnett (EPA Alternate Task Order Contracting Officer Representative, TO 0026)

Technical Progress Report

for

May 2015

Contract No. EP-C-11-038 Task Order 0026

from

Contract Manager – Amy Dindal Task Order Leader – Tom Kelly

to

Contract Specialist – Camille Davis
Project Officer – Jorge Rangel
Task Order Contracting Officer Representative (TOCOR) – Bill Hagel

Technical Support for the Site Characterization and Monitoring Technical Support Center (SCMTSC) Optional Year 2

SECTION I. SCOPE

This TO is to provide technology-based assistance to EPA's Regional Remedial Project Managers and On-Scene Coordinators through the Superfund Technical Support Project (TSP) which was established by the Office of Solid Waste and Emergency Response (OSWER), Regional Superfund Offices, and the Office of Research and Development (ORD). The primary objectives of the Site Characterization and Monitoring Technical Support Center (SCMTSC), managed by the Superfund and Technology Liaison Program of the Office of Science Policy, are to help regional project managers:

- 1. Use state-of-the-science tools to characterize and monitor hazardous sites;
- Research state-of-the-science information, innovative technologies, and products and services:
- 3. Evaluate and apply innovative characterization and monitoring technologies and procedures properly and consistently;
- 4. Acquire relevant technical support and expert reviews of scientific documents.

Technical directives (TDs) under this TO are intended to provide technical expertise to ensure that hazardous waste site characterization and assessments use sound science and that sampling, monitoring, analytical, and quality control methods and requirements are effective to achieve project objectives. Under this TO Battelle provides technical expertise and knowledge on innovative technologies that include:

- Technologies for on-site measurements of inorganic and organic contaminants
- Special (non-routine) laboratory analysis

- Sampling and monitoring approaches to determine levels and extent of site contaminants
- Models that predict contaminant movement and disposition/deposition
- Special (non-routine) contaminant identification (such as: Tentatively Identified Compounds (TICs), contaminant isomers, and fingerprinting), and
- Evaluations of work plans, sampling and analysis plans, quality assurance project plans, and other site-related technical documents.

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SECTION II. TECHNICAL PROGRESS FOR CURRENT REPORTING PERIOD

Exemption 4 Confidential Business Information (CBI)

TD3-03 B.F. Goodrich Site: In May Battelle submitted the draft baseline ecological risk assessment (BERA) report for EPA review. Battelle also received review comments from EPA and the U.S. Army Corps of Engineers (USACE) on the draft human health risk assessment (HHRA) that was submitted in the previous reporting period, and incorporated the resulting revisions into the final HHRA. Revision of the draft final remedial investigation (RI) report also continued in May.

conference call with the EPA technical lead on May 22 to address questions about the sampling, and development of the TDF2 began.

SECTION III. DIFFICULTIES ENCOUNTERED

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I as he had a section of the control of the control

No problems were encountered in this reporting period.

SECTION IV. ANTICIPATED ACTIVITY FOR NEXT REPORTING PER IOD

Exemption 4 Confidential Business Information (CBI)

TD3-03: In June Battelle will finalize the HHRA report and the RI report. Submission of both of those reports in June is expected. Battelle will also receive EPA and USACE comments on the draft BERA and will incorporate revisions into the final BERA to prepare it for submittal by the end of the month.

SECTION V. SCHEDULES OF DELIVERABLES

Exemption 4 Confidential Business Information (CBI)

TD3-03: Schedule of Deliverables

Deliverable	Due Date	Actual Date
TDF2 Form	September 8, 2014	September 10, 2014
Draft RI Report	November 7, 2014	November 12, 2014
Final RI Report	June 30, 2015	
TDF2 for HHRA and BERA	February 20, 2015	February 20, 2015
Approval of TDF2 for HHRA and BERA	February 27, 2015	February 23, 2015
Draft HHRA Report	April 22, 2015	April 29, 2015
Final HHRA Report	June 30, 2015	
Draft BERA Report	May 1, 2015	May 14, 2015
Final BERA Report	July 15, 2015	

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Exemption 4 Confidential Business Information (CBI)

SECTION VI. CURRENT EXPENDITURES

	May 1, 2015 May 28, 2015	Cumulative Expended through Present	Task Order 0026 Total Appropriation	
Total Cost Total Fee				
Total Cost plus Fee			\$383,90	4
Technical hours:	Exemption 4 Confiden	tial Business Information	n (CBI)	
Battelle			3,20	0
		Televis des Copaviliens		
. =				
	Exemption 4 Confident	ial Business Information	(00.)	1
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	Exemption 4 Confid	lential Business Informa	tion (CDI)	
D-#alla			on (OBI)	1

	May 1, 2015 May 28, 2015	Cumulative Expended through Present	Task Order 0026 TD 3-3 Total Appropriation
Total Cost	\$0	\$91,939	
Total Fee	\$0	\$5,490	
Total Cost plus Fee	\$0	\$97,429	\$97,429
Technical hours:	timber to section to	ψ91,429 (1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.	
Battelle	0.00	931.70	804

	May 1, 2015 May 28, 2015	Cumulative Expended through Present	Task Order 0026 TD 3-3 MOD Total Appropriation
Total Cost Total Fee	\$15,233 \$903	\$79,458 \$4,711	
Total Cost plus Fee Technical hours:	\$16,136	\$84,169	\$102,545
Battelle	118.00	665.00	804

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SECTION VII. FINANCIAL SUMMARY

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Technical Support for the Site Characterization and Monitoring Technical Support Center (SCMTSC) OV2 EPA STREAMS Contract No. EP. ^ * * * * * * * * * * * * * * * * * *				179									2 1				1					1		J			1	*				,		
on and Monitoring Tech Contract No. EP.	TO 0009, TO 3-3 Mott Voucher 9 Current Curreline Month	\$42,944						584,169		\$102,345	\$102.345	S	504,109	\$14.376	NSC 28	831,2015		2 3	2 2	0	965	130	8178	2215	000,000	7.9								
racterization TREAMS	Cornert Month	-		-	-	_		\$16.136									L																	
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	Cumulative District Cumulative Expenses DKSDA1 thru SQBA1	Eparathres by Cost Ches Labor Costs Chart Dred Costs	Travel Canada & Administrative Discharge Statistics	Purchased Materials Support status	Macelaneous Cont of Feelihes Capital	First Police Cost Adjustment Total Cost	ESS Amount in Excess of Cost Appropriation	Table Cost Plus Fee		Total Proposed for Task Order 0036	Funding Approved for Tests Order 000%	Task Didder Funding Received A nonnead Funding and Albitratiled	Cumulative Noticed to EPA	Amount Supermed Challowed	Remarking Teak Order OUTS Funded Amount	Task Order Expusition Oats		Total Proposed Task Order Labor Hours	Labor Hours Approved for Tasia Order 0026	Labor Hours Associated with Curent Funding	Belince of Labor Hours to be Funded	Currentee Conflict Labor House Delivered	December of the Control of the Contr	Hourly Rigar Delivered**	 Based on cumulative invoice divided by cumulative later hours delivered 	Anticipated Spending Next Month	Anticipated Labor Hours to be Expended Next Month							

SECTION VIII. LABOR CATEGORY SUMMARY

Technical Support for the Site Characterization and Monitoring Technical Support Center (SCMTSC) OY2

EPA STREAMS Contract No. EP-C-11-038/26

Current Month Reporting Period: May 1 - May 28, 2015

EP	A Labor Cate	egory	Staff Member Name	Current Month Hours	Cumulative Hours Delivered
P4		¥4			
F4	Engineer	<u> </u>			- ;
			Voorhies, Nat	* —	- 170
•		\$ 2 8	Rosansky, Stephen	a	- X <u>e</u>
P4	Scientist	- 16 - 15		Exemption 4 Confidential Business Information (CBI)	Exemption 4 Confidential Business Information (CBI)
		2	Barton, Drew	2 - 2	- ŭ
			Brennan, Sarah	<u> </u>	
			Hicks, Jim	der —	- <u>a</u>
-		-	Kelly, Tom	tia —	- den
			Large, Mona	В —	- tia
			Mullins, Larry	<u>≅</u> . —	- B
			Rodgers, Pam	nes	- <u>18</u> :
			Smith, Jane	<u>s</u> —	- Ieg
			Chappie, Daniel J	nform —	- %
			Thurston, Heather L	- m	- of
			Richardson, Norman A	atio —	- jiji
			Hines, Stephanie	ň —	e e e
			Cutie, Elizabeth A	8 —	n (e
			Tracy, Karen L		8
P3	Engineer			· ·	
			Rectanus, Heather	/ 5.55	
P3	Scientist			(•
			Bullard, Andy	W-55000	
			MacGregor, lan		
			DeYoung, Damon		•

P2	Engineer					
			Hanft, Elizabeth			
P2	Scientist					
	Production and Company of the same		Hawkins, Jared		-	m
			Kucharzyk, Katarzyna H		(See-17.2.20)	Xe Xe
			Langton,Melissa L	mpti	\equiv	npti
Т	Environmental	Technic	cian	Exemption 4 Confidential Business Information (CBI)		Exemption 4 Confidential Business Information (CBI)
			Lindner, Marcie	_ _		8
			Lescarbeau, Gregory	nfid		nfid
С	Clerical			enti:		entia
eroning it –			Copley, Rhonda	— B		B B
			Golden, Holly D	<u>us</u> .		rs.
		177	Gollihue, Tiffani	neg		
1			Castle, Kathy L	% <u></u>		ss in
PA	Program Admi	nistrato	T	— forn		form
			Clay, Lisa	natio	_	natio
GD	Graphic Desig	ner		— s	_	on (c
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} -		54	Saylor, Victor J	_		_
E	Editor					
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	Total Hours			137.75		2,322.90

1 1 Fivi 4-2	October 1987 nt of the Treasury 2000	PUBLIC V	OUCHERS FOR PUR	CHASES A	ND		VOUCHER NO. 00000010				
U.S. DEPAR	RTMENT, BUREAU.	OR ESTABLISHMENT AND LOCATION	CES OTHER THAN P								
RESEARCH	H TRIANGLE PARK			7/14/2015			SCHEDULE NO.				
MAIL CODE RTP NC 277 United State	E D143-02 711		CONTRACT NUMBER AND EP-C-11-038/TO 0026	PR-ORD-14-0	1577		PAID BY				
			REQUISITION NUMBER AN	D DATE							
		Customer ID: C00107855									
// <u>20</u> 00/00/00	Battelle II	Memorial Institute	Federal ID: 31-437942	Federal ID: 31-4379427 DUNS No: 00-790-1598							
PAYEE'S NAME AND ADDRESS	COLUMB 43260	SUS OH	DUNS No: 00-790-159								
	(614) 424	-3278					PAYEE'S ACCOUNT NUMBER				
HIPPED FROM	<u> </u>			-	J		CON00020996				
	No.	TO	WEIG	HT			GOVERNMENT B/L NUMBER				
NUMBER AND DATE	DATE OF DELIVERY OR	ARTICLES OR S	SERVICES	QUAN-	T	00.4	TO TENTINETT OF NOWBER				
OF ORDER	SERVICE	(Enter description, item number o schedule, and other informati	of contract or Federal supply ion deemed necessary)	TITY	COST	PRICE	AMOUNT				
	5/29/2015	certify that all payments requested are for appropriate purposes and in accordance with	(F				\$47.95				
	Sheet(s) if necessary)	(Title)									
PROVISIONA COMPLETE	APPROVED FO Provisional payr BY 12:	OR (Payee must NOT use to DR EXCH.	ANGE RATE	DIFFERENCES		TOTAL	\$47.95				
PROVISIONA COMPLETE PARTIAL FINAL	APPROVED FO Provisional payr BY 12:		ANGE RATE ≃\$1.00 [DIFFERENCES	rect for	TOTAL	\$47.95				
PROVISIONA COMPLETE PARTIAL FINAL PROGRESS ADVANCE	APPROVED FO Provisional payr BY 12:	ment subject to later audit.	ANGE RATE ⇒\$1.00 [TOTAL	\$47.95				
PROVISIONA COMPLETE PARTIAL FINAL PROGRESS ADVANCE	APPROVED FO Provisional payr BY 12:		ANGE RATE ⇒\$1.00 [mount venfied, con		TOTAL	\$47.95				
PROVISIONA COMPLETE PARTIAL FINAL PROGRESS ADVANCE uant to authori	APPROVED FO Provisional payr BY 12:	ment subject to later audit. EXCH.	ANGE RATE ⇒\$1.00 [mount venfied, con		TOTAL	\$47.95				
PROVISIONA COMPLETE PARTIAL FINAL PROGRESS ADVANCE	APPROVED FO Provisional payr BY 12:	y that this voucher is correct and proper for pay (Authorized Certifying Officer) (2)	ANGE RATE =\$1.00 [mount venfied, con		TOTAL	\$47.95				
PROVISIONA COMPLETE PARTIAL FINAL PROGRESS ADVANCE uant to authori	APPROVED FO Provisional payr BY 12:	y that this voucher is correct and proper for pay (Authorized Certifying Officer) (2)	ANGE RATE ⇒\$1.00 [mount venfied, co		TOTAL	\$47.95				
PROVISIONA COMPLETE PARTIAL FINAL PROGRESS ADVANCE suant to authori	APPROVED FO Provisional pays BY 17: TITLE Titly vested in me. I certify	y that this voucher is correct and proper for pay (Authorized Certifying Officer) (2)	ANGE RATE =\$1.00 [mount venfied, co Signature or inibals (Title))	TOTAL	\$47.95				
PROVISIONA COMPLETE PARTIAL FINAL PROGRESS ADVANCE Suant to author (Date) CHECK NUMB CASH	APPROVED FO Provisional pays BY 17: TITLE Titly vested in me. I certify	y that this voucher is correct and proper for pay (Authorized Certifying Officer) (2)	ANGE RATE =\$1.00 [mount venfied, co)	TOTAL	\$47.95				
PROVISIONA COMPLETE PARTIAL FINAL PROGRESS ADVANCE Suant to author (Date) CHECK NUMB CASH S	APPROVED FO Provisional pays BY 17: TITLE Titly vested in me. I certify	y that this voucher is correct and proper for pay (Authorized Certifying Officer) (2) ON ACCOUNT OF U.S. TREASURY	ANGE RATE =\$1.00 [mount venfied, co Signature or inibals (Title))	TOTAL	\$47.95				

PRIVACY ACT STATEMENT

The information requested on this form is required under the provisions of 31 U.S.C. 82b and 82c, for the purpose of disbursing Federal money. The information requested is to identify the particular creditor and the amounts to be paid Feilure to furnish this information will hinder discharge of the payment obligation

APD PE V4.04

Remit To:

Battelle Memorial Institute

Dept L 998

COLUMBUS OH

43260

(614) 424-3278

Battelle

The Business of Innovation

Federal ID: 31-4379427

Invoice:

10087625

Invoice Date:

7/14/2015

Customer ID: Payment Terms: C00107855 Net 30

Due Date:

8/13/2015

DUNS No: 00-790-1598

Voucher:

00000010

Bill To:

EPA

RESEARCH TRIANGLE PARK FINANCIAL MANAGEMENT CENTER

MAIL CODE D143-02

RTP NC 27711 **United States**

Contract:

CON00020996

Contract Type:

CPFF

P.O. Ref:

Client Ref: EP-C-11-038/TO 0026 PR-ORD-14-01577

PLEASE INCLUDE OUR INVOICE NUMBER AND CUSTOMER ID AS REFERENCED ABOVE ON THE REMITTANCE ADVICE. THANK YOU. BILLING PERIOD FROM 5/29/2015 TO 6/25/2015

Cost Appropriation

\$8,331.00

Fee Appropriation

\$496.00

COST ELEMENTS

CURRENT

CUMULATIVE

Direct Labor - BCO

Direct Labor - BTSO

Fringe Benefits-Salaried - BCO 42.0%

Fringe Benefits-Salaried - BTSO

Division Overhead - BCO 63.1%

Division Overhead - BTSO

Special Facilities & Services - BCO

Special Facilities & Services - BTSO

General & Administrative - BCO 26.5%

General & Administrative - BTSO

Cost of Facilities Capital-DOH - BCO

Cost of Facilities Capital-G&A - BCO

Cost of Facilities Capital-G&A - BTSO

Total BEFORE Fee

Fee - Fixed

Total Fee

Net Total Cost

7,478.41

47.95

Net Amount Due:

\$47.95

Northeast Church Rock Mine

I certify that all payments requested are for appropriate purposes and in accordance with the agreements set forth in the contract.

(Name of Official)

Accounting Officer

(Title)

All costs are calculated at the transaction level, but summarized for Billing purposes. Therefore, some rounding differences may occur,

Billing Data Report - CBI - Exemption 4 - withheld

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			25

Revi	1915 (50)	ber 1987 of the Treasury		JCHERS FOR PU			D		0000010
U.S. EPA RES	DEPARTI	MENT, BUREAU		DATE VOUCHER PREPA	7/14	/2015			SCHEDULE NO.
MAIL	L CODE D NC 27711 ed States		ENTER	EP-C-11-038/TO 002	26 PR-O		77		PAID BY
			Customer ID: C00107855	REQUISITION NUMBER	AND DATE	W.			
		Battelle	Memorial Institute	Federal ID: 31-4379	427				DATE INVOICE RECEIVED
N/A	YEE'S AME IND IRESS	Dept L S COLUM 43260	998 BUS OH	DUNS No: 00-790-1	598	£			DISCOUNT TERMS
		(614) 42	4-3278			١		= 1	PAYEE'S ACCOUNT NUMBER CON00020996
SHIP	PED FROM	····	10	V	VEIGHT				GOVERNMENT B/L NUMBER
AND	MBER DATE ORDER	DATE OF DELIVERY OR SERVICE	ARTICLES OR SE (Enter description, item number of c schedule, and other information	contract or Federal supply		QUAN- TITY	COST	PRICE PER	AMOUNT
(Use c	continuation	5/29/2015 TO 6/25/2015		he space below)				TOTAL	\$1,443.62 \$1,443.62
Payme		BY (2)	D FOR EXCH. payment subject to later audit	ANGE RATE =\$1.00	DIFFE	RENCES _			V11-10.02
	ROVISIONA COMPLETE ARTIAL INAL PROGRESS DVANCE	TITLE				nt verified, consture or initials			
Pursu	ant to autho	nty vested in me, I i	certify that this voucner is correct and proper for pa	yment					
(1	Date)		(Authorized Certifying Officer) [7]	ACCOUNTING CLASSIFICA	TION	(Title)			
PAID C			*	ä					
ВУ	CHECK NUM	nock	ON ACCOUNT OF U.S. TREASURY	CHECK NUMBER		ON (Name o	f bank)		
S			DATE	PAYEE (2)					
2. If the the a 3. When corpo Smith	e ability to cert pproving office n a voucher is orate name, as	r will sign in the space receipted in the name of well as the capacity in r Treasurer, as the car	tove are combined in one person, one signature only is neces provided, over his official title. If a company or corporation, the name of the person writing it which he signs, must appear. For example, "John Doe Company or the signs, must appear, and the signs, must appear."	ssary: otherwise	ITLE				NEN7540 00 000 2024

PRIVACY ACT STATEMENT

The information requested on this form is required under the provisions of 31 U.S.C. 82b and 82c, for the purpose of disbursing Federal money. The information requested is to identify the particular creditor and the amounts to be paid. Failure to furnish this information will hinder discharge of the payment obligation.

APD PE V4 04

	TEI TEI	

Remit To:

Bill To: EPA

Battelle Memorial Institute

RESEARCH TRIANGLE PARK

MAIL CODE D143-02 RTP NC 27711 **United States**

FINANCIAL MANAGEMENT CENTER

Dept L 998 COLUMBUS OH 43260

(614) 424-3278

Battelle

The Business of Innovation

Federal ID: 31-4379427

DUNS No: 00-790-1598

Invoice:

Invoice Date:

10087626 7/14/2015

Customer ID:

C00107855

Payment Terms: Due Date:

Net 30 8/13/2015

Voucher:

00000010

Contract:

CON00020996

Contract Type:

CPFF

P.O. Ref:

Client Ref: EP-C-11-038/TO 0026 PR-ORD-14-01577

PLEASE INCLUDE OUR INVOICE NUMBER AND CUSTOMER ID AS REFERENCED ABOVE ON THE REMITTANCE ADVICE. THANK YOU. BILLING PERIOD FROM 5/29/2015 TO 6/25/2015

Cost Appropriation

\$37,552.00

Fee Appropriation

\$2,213.00

COST ELEMENTS

CURRENT

CUMULATIVE

Direct Labor - BCO

Fringe Benefits-Salaried - BCO 42.0%

Division Overhead - BCO 63.1%

Special Facilities & Services - BCO

General & Administrative - BCO 26.5%

Cost of Facilities Capital-DOH - BCO

Cost of Facilities Capital-G&A - BCO

Total BEFORE Fee

Fee - Fixed

Total Fee

Net Total Cost

1,443.62

23,400.59

Net Amount Due:

\$1,443.62

US Magnesium

I certify that all payments requested are for appropriate purposes and in accordance with the agreements/set forth in the contract.

(Name of Official)

Accounting Officer

(Title)

All costs are calculated at the transaction level, but summarized for Billing purposes. Therefore, some rounding differences may occur,

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	Form 1034						VOUCHER NO.
	October 1987 ent of the Treasury	/	UCHERS FOR PURCH ES OTHER THAN PER		D		00000010
U.S. DEPA	RTMENT BUREAU	OR ESTABLISHMENT AND LOCATION	DATE VOUCHER PREPARED	CONAL			SCHEDULE NO.
EPA	H TRIANGLE PARE			7/14/2015			SCHEDULE NO.
MAIL COD RTP NC 27		ENTER	CONTRACT NUMBER AND DA' EP-C-11-038/TO 0026 PE	TE	577		PAID BY
United Sta	tes		REQUISITION NUMBER AND D	MATE			
		器	NEGOSTION NOMBER AND D	MIC			
		Customer ID: C00107855					
	Battelle Dept L	Memorial Institute	Federal ID: 31-4379427				DATE INVOICE RECEIVED
PAYEE'S NAME AND ADDRESS	500 N 100 N 700	IBUS OH	DUNS No: 00-790-1598				DISCOUNT TERMS
	(614) 42	24-3278		1			PAYEE'S ACCOUNT NUMBER
	L			-			CON00020996
SHIPPED FR	IOM	TO	WEIGH!	T			GOVERNMENT B/L NUMBER
NUMBER	DATE OF	ARTICLES OR SE	PVICES	I OUAN I	LINET	PRICE	AMOUNT
AND DATE OF ORDER	DELIVERY OR	(Enter description, item number of	contract or Federal supply	QUAN- TITY	COST	PER	AMOUNT
OF ORDER		schedule, and other information	n deemed necessary)	-			\$5,203.81
	5/29/2015	I certify that all payments requested are for					
	ТО	appropriate purposes and in accordance with the agreements set forth in the contract.					
	6/25/2015	Accounting Offi	icer				
		(Name of Official) (Title)			1		
					1		
				1			
(Use continua	ation sheet(s) if necessa		he space below)			TOTAL	\$5,203.81
Payment:	APPROVE Provisional	D FOR EXCH I payment subject to later audit.	ANGE RATE =\$1 00 D	DIFFERENCES		S2000-0338-48	
☐ PROVISI	IONAL BY (2)						
☐ COMPLE ☐ PARTIAL			A	mount venfied; co	rrect for		
☐ FINAL ☐ PROGRE	TITLE		(5	Signature or initial:	s)		
☐ ADVANO	E	certify that this voucher is correct and proper for pa	lument				
		, man time vocation to contest and proper for pa	month.				
(Date)		(Authorized Certifying Officer) (2)		(Titte)			
(50.0)		(Authorized Cettifying Officer) (4)	ACCOUNTING CLASSIFICATION	(Title)			
		25					
PAID CHECK	NUMBER	ON ACCOUNT OF U.S. TREASURY	CHECK NUMBER	ON (Name o	of hanki		
BY		OT ACCOUNT OF U.S. TREASURY	Oncor number	ON (INAME C	a Dank)		
CASH		DATE	PAYEE (3)				
2							
2. If the ability to	n foreign currency, insert na o certify and authority to app	rove are combined to one person, one signature only is neces	ssary: otherwise PER				
 the approving When a vouch 	officer will sign in the space her is receipted in the name	provided, over his official title. of a company or corporation, the name of the person writing t	the company or				
Smith, Secret	ary" or Treasurer", as the ca	which he signs, must appear. For example: "John Doe Comp se may be.	pany, per John				
Previous edition	usable						NSN7540-00-900-2234

PRIVACY ACT STATEMENT

The information requested on this form is required under the provisions of 31 U.S.C. 82b and 82c, for the purpose of disbursing Federal money. The information requested is to identify the particular creditor and the amounts to be paid. Failure to furnish this information will binder discharge of the payment obligation.

APD PE V4.04

Standard For	m 1034					VOUCHER NO.
Revised Octo	ber 1987 If the Treasury		UCHERS FOR PURC ES OTHER THAN PE		D	00000010
		OR ESTABLISHMENT AND LOCATION	DATE VOUCHER PREPARE	D		SCHEDULE NO.
EPA RESEARCH TE	RIANGLE PARK			7/14/2015		
	ANAGEMENT CE 143-02	NTER	CONTRACT NUMBER AND EP-C-11-038/TO 0026		77	PAID BY
United States		18	REQUISITION NUMBER AN	D DATE .		
		4.0 2.00				
		Customer ID: C00107855				DATE INVOICE RECEIVED
	Battelle Dept L 9	Memorial Institute 98	Federal ID: 31-437942			DISCOUNT TERMS
PAYEE'S NAME AND	COLUME	BUS OH	DUNS No: 00-790-159	В		
AND ADDRESS	43260	4.3278				PAYEE'S ACCOUNT NUMBER
	(014) 42	4-3270		-		CON00020996
CHIRDED EDOM	STORY	10	WEI	GHT		GOVERNMENT B/L NUMBER
SHIPPED FROM			2.52	armaid		AMOUNT
NUMBER AND DATE	DATE OF DELIVERY OR	ARTICLES OR S (Enter description, item number of	ERVICES contract or Federal supply	QUAN- TITY	UNIT PRICE COST PER	AMOUNT
OF ORDER	SERVICE	schedule, and other informati	on deemed necessary)	200000		\$11,391.75
	5/29/2015	I certify that all payments requested are for				
	то	appropriate purposes and in accordance with	10			
		the agreements set forth in the contract.				
	6/25/2015	(Name of Oticial) Accounting O	fficer			
		(Main e)				
				1		!
				1		
					TOTAL	\$11,391.75
(Use continuatio	n sheet(s) if necessar APPROVE		e the space below) CHANGE RATE	T	TOTAL	411,331.73
Payment	Provisiona	Il payment subject to later audit.	=\$1.00	DIFFERENCES		
□ PROVISIO	NAL BY 121					
D COMPLET	E			Amount venfied,		
FINAL PROGRES	S TITLE			(Signature or initi	ials)	
T ADVANCE		configuration that this unligher is correct and groper for	payment	1		
Pursuant to auti	nonty vasted in me, I	certify that this voucher is correct and proper for	pa). 10/11			
				(Title)		
(Date)		(Authorized Certifying Officer) (2)	ACCOUNTING CLASSIFICAT	(Title)		
			\$00			
PAID CHECK N	UMBER	ON ACCOUNT OF U.S. TREASURY	CHECK NUMBER	ON (Nam	e of bank)	
CASH		DATE	PAYEE D			
1. When stated in	foreign currency, insert n	name of currency. prove are combined in one person, one signature only is n	Paccessary otherwise	ER		
the approving o	theer will sign in the space	e provided, over his difficial tipe.	ing the company or	ITLE		
comporate name	r is receipted in the Harri , as well as the capacity y" or Treasuror", as the c	in writer the signs, most appear to example	Company, per John			A Control of the Cont
Previous edition u						NSN7540-00-900-2234

PRIVACY ACT STATEMENT

The information requested on this form is required under the provisions of 31 U.S.C. 82b and 82c, for the purpose of disbursing Federal money. The information requested is to identify the particular creditor and the amounts to be paid Failure to furnish this information will hinder discharge of the payment obligation.

APD PE V4.04

Remit To:

Battelle Memorial Institute

Dept L 998 COLUMBUS OH 43260 (614) 424-3278

Battelle

The Business of Innovation

Federal ID: 31-4379427

DUNS No: 00-790-1598

Invoice: Invoice Date:

10087634 7/14/2015 C00107855

Customer ID: Payment Terms: Due Date:

Net 30

Voucher:

8/13/2015 00000010

Bill To:

EPA

RESEARCH TRIANGLE PARK FINANCIAL MANAGEMENT CENTER MAIL CODE D143-02

RTP NC 27711 United States

Contract:

CON00020996

Contract Type:

CPFF

P.O. Ref:

Client Ref: EP-C-11-038/TO 0026 PR-ORD-14-01577

PLEASE INCLUDE OUR INVOICE NUMBER AND CUSTOMER ID AS REFERENCED ABOVE ON THE REMITTANCE ADVICE. THANK YOU. BILLING PERIOD FROM 5/29/2015 TO 6/25/2015

Cost Appropriation	\$37,857.04	Fee Appropriation		\$2,2	57.96
COST ELEMENTS			CURRENT		CUMIN ATT
Direct Labor - BCO					
Direct Labor - BTSO					
Fringe Benefits-Salaried - BCO 42.0%					
Fringe Benefits-Salaried - BTSO 42.0%					
Division Overhead - BCO 63.1%					
Division Overhead - BTSO 26.1%					
Special Facilities & Services - BCO					
Special Facilities & Services - BTSO					
General & Administrative - BCO 26.5%					
General & Administrative - BTSO 7.0%					
Cost of Facilities Capital-DOH - BCO					
Cost of Facilities Capital-G&A - BCO					
Cost of Facilities Capital-G&A - BTSO					
Total BEFORE Fee					
Fee - Fixed					
Total Fee		-			
Net Total Cost		-	5,203.81		35,732.19
	Net Amount Due:		\$5,203.81		
Kodiak Island					
I certify that all payments requested are for appropriate purposes and in accordance with the agreements set forth in the contract. Accounting Of (Title)	fficer	¥			

All costs are calculated at the transaction level, but summarized for Billing purposes. Therefore, some rounding differences may occur



Remit To:

Battelle

Battelle Memorial Institute

Dept L 998 COLUMBUS OH 43260

(614) 424-3278

The Business of Innovation

DUNS No: 00-790-1598

Invoice: Invoice Date: 10087635 7/14/2015

Customer ID:

C00107855 Net 30

Payment Terms: Federal ID: 31-4379427

Due Date: Voucher:

8/13/2015 00000010

Bill To:

EPA RESEARCH TRIANGLE PARK FINANCIAL MANAGEMENT CENTER MAIL CODE D143-02 RTP NC 27711 **United States**

Contract:

CON00020996

Contract Type:

CPFF

P.O. Ref:

Client Ref: EP-C-11-038/TO 0026 PR-ORD-14-01577

PLEASE INCLUDE OUR INVOICE NUMBER AND CUSTOMER ID AS REFERENCED ABOVE ON THE REMITTANCE ADVICE. THANK YOU. BILLING PERIOD FROM 5/29/2015 TO 6/25/2015

\$5,749.00 \$96,796.00 Fee Appropriation Cost Appropriation CUMULATIVE CURRENT COST ELEMENTS Direct Labor - BCO Direct Labor - BTSO Fringe Benefits-Salaried - BCO 42.0% Fringe Benefits-Salaried - BTSO 42.0% Division Overhead - BCO 63.1% Division Overhead - BTSO 26.1% Special Facilities & Services - BCO Special Facilities & Services - BTSO General & Administrative - BCO 26.5% General & Administrative - BTSO 7.0% Cost of Facilities Capital-DOH - BCO Cost of Facilities Capital-G&A - BCO Cost of Facilities Capital-G&A - BTSO Total BEFORE Fee Fee - Fixed Total Fee 95,560.61 11,391.75 **Net Total Cost**

Net Amount Due:

\$11,391.75

BFG Risk Assessment

I certify that all payments requested are for appropriate purposes and in accordance with the agreements set forth in the contract.

(Name of Official)

Accounting Officer

(Title)

All costs are calculated at the transaction level, but summarized for Billing purposes. Therefore, some rounding differences may occur

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Billing Data Report - CBI - Exemption 4 - withheld

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Billing Data Report – CBI - Exemption 4 - withheld

	tober 1987 of the Treasur	PUBLIC V	OUCHERS FOR PUR	RCHASES AN	ND		VOUCHER NO. 00000010
1 TFM 4-20 U.S. DEPAR	TMENT BUREAU	J, OR ESTABLISHMENT AND LOCATION	CES OTHER THAN I				
RESEARCH FINANCIAL I	TRIANGLE PARI	K	DATE VOUCHER PREPAI	7/14/2015		N .	SCHEDULE NO
MAIL CODE RTP NC 2771 United States	11		EP-C-11-038/TO 0026	5 PR-ORD-14-01	577		PAID BY
			REQUISITION NUMBER A	ND DATE			
		Customer ID: C00107855					
PAYEE'S	Battelle Dept L	e Memorial Institute 998	Federal ID: 31-43794	27	1		DATE INVOICE RECEIVED
NAME AND ADDRESS	COLUN 43260	1BUS OH	DUNS No: 00-790-15	98			DISCOUNT TERMS
, abouted	100 TO THE PARTY NAMED IN COLUMN	24-3278					DAVISE A LOCAL DE LA CASA DEL CASA DE LA CASA DEL CASA DE LA CASA
					J		PAYEE'S ACCOUNT NUMBER
SHIPPED FROM	4	TO	WE	IGHT			CON00020996
NUMBER	DATE OF			ensen (ED)			GOVERNMENT BIL NUMBER
AND DATE OF ORDER	DELIVERY OR SERVICE	ARTICLES OR (Enter description, item number of	of contract or Eastern supply	QUAN- TITY		PRICE	AMOUNT
OI ONDER		schedule, and other informal	tion deemed necessary)		COST	PER	10
	5/29/2015	I certify that all payments requested are for					\$267.43
	то	appropriate purposes and in accordance with Melagreements set forth in the contract.					
	6/25/2015	(4/2/)	W2				
		(Name of Official) Accounting C	Micer				
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se continuation	sheet(s) if necessar	V) (Payee must NOT					
ayment;	APPROVED	FOR	HANGE RATE			TOTAL	\$267.43
	BY (2)	payment subject to later aud t	=\$1.00	DIFFERENCES		-	
PROVISIONA COMPLETE							
PARTIAL FINAL	TITLE			Amount venfied; cor	rect for		
PROGRESS ADVANCE	IIILE			(Signature or initials)		
rsuant to author	ity vested in me, I ce	ertify that this voucher is correct and proper for pa	ayment.				

(Date)	_	(Authorized Certifying Officer) (2)					
			ACCOUNTING CLASS/FICATIO	(Title) N			
CHECK NUM	RED	ON ACCOUNT OF					
CHECKION	OEK	ON ACCOUNT OF U.S. TREASURY	CHECK NUMBER	ON (Name of	bank)		
CASH		DATE	DANCE	* .			
S		JAIL .	PAYEE (I)				
When stated in forei	gn currency, insert name	e of currency.	l pro				
the abuty to certif	y and authority to approv	re are combined in one person, one signature only is nece	ssary: otherwise PER				240/24117
orporate name, as	well as the capacity in w	a company or corporation, the name of the person writing t	the company or TITLE				
nith. Secretary" or lous edition usable		may be.					
							NSN7540 00 900 2224

PRIVACY ACT STATEMENT

The information requested on this form is required under the provisions of 31 U.S.C. 82b and 82c, for the purpose of disbursing Federal money. The information requested is to identify the particular creditor and the amounts to be paid Failure to furnish this information will hinder discharge of the payment obligation.

APD PE V4.04

Remit To:

Bill To: EPA

Battelle Memorial Institute

RESEARCH TRIANGLE PARK

MAIL CODE D143-02

RTP NC 27711 United States

FINANCIAL MANAGEMENT CENTER

Dept L 998 COLUMBUS OH 43260

(614) 424-3278

Battelle

The Business of Innovation

Federal ID: 31-4379427

DUNS No: 00-790-1598

Invoice:

10087636 7/14/2015

Invoice Date: Customer ID:

C00107855

Payment Terms:

Net 30

Due Date: Voucher:

8/13/2015 00000010

Contract: Contract Type: CON00020996

P.O. Ref:

Client Ref: EP-C-11-038/TO 0026 PR-ORD-14-01577

PLEASE INCLUDE OUR INVOICE NUMBER AND CUSTOMER ID AS REFERENCED ABOVE ON THE REMITTANCE ADVICE. THANK YOU. BILLING PERIOD FROM 5/29/2015 TO 6/25/2015

Cost Appropriation

\$25,431.00

Fee Appropriation

\$1,518.00

CUMULATIVE

COST ELEMENTS

Direct Labor - BCO

Direct Labor - BTSO

Fringe Benefits-Salaried - BCO 42.0%

Fringe Benefits-Salaried - BTSO

Division Overhead - BCO 63.1%

Division Overhead - BTSO

Special Facilities & Services - BCO

Special Facilities & Services - BTSO

General & Administrative - BCO 26 5% .

General & Administrative - BTSO

Cost of Facilities Capital-DOH - BCO

Cost of Facilities Capital-G&A - BCO

Cost of Facilities Capital-G&A - BTSO

Total BEFORE Fee

Fee - Fixed

Total Fee

Net Total Cost

267.43

CURRENT

4,206.88

Net Amount Due:

\$267.43

Alaric TD 3-08

I certify that all payments requested are for appropriate purposes and in accordance with the agreements\set forth in the contract.

(Name of Official)

Accounting Officer

(Title)

All costs are calculated at the transaction level, but summarized for Billing purposes. Therefore, some rounding differences may occur.

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Billing Data Report – CBI - Exemption 4 - withheld

Billing Data Report - CBI - Exemption 4 - withheld

1 TFM 4-200	ober 1987 of the Treasury	SERV	OUCHERS FOR P	URCHA N PERS	ASES A	ND	VOUCHER NO. 00000010
EPA RESEARCH TRIANGLE PARK FINANCIAL MANAGEMENT CENTER MAIL CODE D143-02			DATE VOUCHER PRI	PARED 7/1	14/2015		SCHEDULE NO.
RTP NC 27711 United States		EP-C-11-038/TO (026 PR-0	ORD-14-0	1577	PAID BY	
	:	Customer ID: C00107855	VEGOISITION NOWBE	H AND DAT	E		
Battelle Memorial Institute PAYEES Dept L 998			Federal ID: 31-43		_	1	DATE INVOICE RECEIVED
NAME AND ADDRESS	COLUMBU 43260 (614) 424-3		DUNS No: 00-790	1598			DISCOUNT TERMS
HIPPED FROM		TC			-	J	PAYEE'S ACCOUNT NUMBER CON00020996
NUMBER AND DATE	DATE OF DELIVERY	ARTICLES OF	SERVICES	WEIGHT			GOVERNMENT B/L NUMBER
OF ORDER	DELIVERY OR SERVICE 5/29/2015	(Enter description, item number schedu'e, and other informa	of edutenat as Fadana		QUAN- TITY	COST PER	AMOUNT
	6/25/2015	agreements set orth in the contract Accounting (Title)	Officer				
continuation sh	eel(s) if necessary)	(Payee must NOT use	the space below)				
ent	APPROVED FOR	(Payee must NOT use	the space below) HANGE RATE =\$1.00	DIFFER	RENCES	TOTAL	\$459.15
PROVISIONAL COMPLETE PARTIAL FINAL PROGRESS DVANCE	APPROVED FOR Provisional payme BY (2)	ant subject to later audit	HANGE RATE =\$1.00	Amount	verified, converor initials)	ect for	\$459.15
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PRIVACY ACT STATEMENT

The Information requested on this form is required under the provisions of 31 U.S.C. 82b and 82c, for the purpose of disbursing Federal money. The information requested is to identify the particular creditor and the amounts to be paid. Failure to furnish this information will hinder discharge of the payment obligation

NSN7540-00-900-2234 APD PE V4.04

Remit To:

Battelle

Battelle Memorial Institute

Dept L 998 COLUMBUS OH 43260

(614) 424-3278

The Business of Innovation

Federal ID: 31-4379427

DUNS No: 00-790-1598

Invoice:

12

Invoice Date: Customer ID: 10087637 7/14/2015 C00107855

Payment Terms:

Net 30

Due Date: Voucher: 8/13/2015

BIII To:

EPA
RESEARCH TRIANGLE PARK
FINANCIAL MANAGEMENT CENTER
MAIL CODE D143-02
RTP NC 27711
United States

Contract:

CON00020996

Contract Type:

CPFF

P.O. Ref:

\$1500 de 2000 de 2000 de 2000 de

Client Ref: EP-C-11-038/TO 0026 PR-ORD-14-01577

PLEASE INCLUDE OUR INVOICE NUMBER AND CUSTOMER ID AS REFERENCED ABOVE ON THE REMITTANCE ADVICE. THANK YOU. BILLING PERIOD FROM 5/29/2015 TO 6/25/2015

Cost Appropriation

\$25,339.00

Fee Appropriation

\$1,513.00

COST ELEMENTS

CURRENT

CUMULATIVE

Direct Labor - BCO

Direct Labor - BTSO

Fringe Benefits-Salaried - BCO 42.0%

Fringe Benefits-Salaried - BTSO 42.0%

Division Overhead - BCO 63.1%

Division Overhead - BTSO 26.1%

Special Facilities & Services - BCO

Special Facilities & Services - BTSO

General & Administrative - BCO 26.5%

General & Administrative - BTSO 7.0%

Cost of Facilities Capital-DOH - BCO

Cost of Facilities Capital-G&A - BCO

Cost of Facilities Capital-G&A - BTSO

Total BEFORE Fee

Fee - Fixed

Total Fee

Net Total Cost

459.15

3,385.63

Net Amount Due:

\$459.15

Southern Solvents TD 3-09

I certify that all payments requested are for appropriate purposes and in accordance with the agreements set forth in the contract.

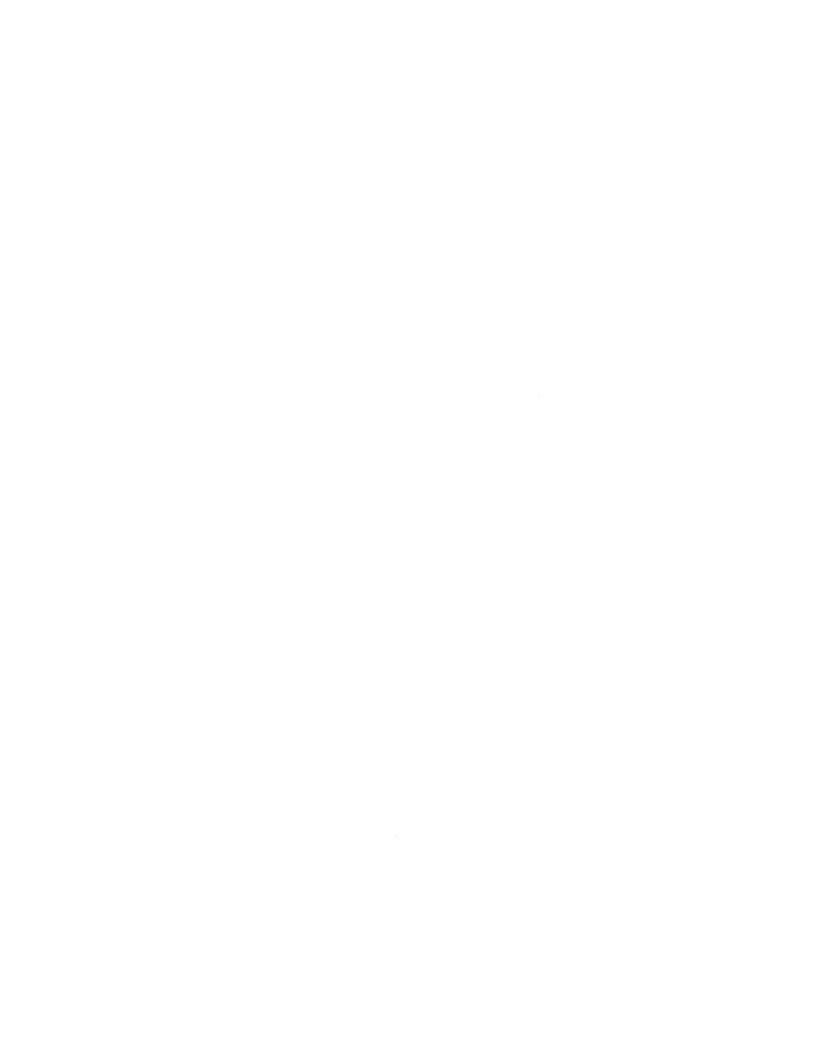
(Name of Official)

Accounting Officer

(Title)

All costs are calculated at the transaction level, but summarized for Billing purposes. Therefore, some rounding differences may occur.

Billing Data Report - CBI - Exemption 4 - withheld



Billing Data Report – CBI - Exemption 4 - withheld

Remit To:

Bill To: EPA

Battelle

Battelle Memorial Institute

RESEARCH TRIANGLE PARK

MAIL CODE D143-02 RTP NC 27711 **United States**

FINANCIAL MANAGEMENT CENTER

Dept L 998 COLUMBUS OH

43260 (614) 424-3278 The Business of Innovation

Federal ID: 31-4379427

DUNS No: 00-790-1598

Invoice:

Invoice Date:

10087624 7/14/2015

Customer ID: Payment Terms: C00107855 Net 30

Due Date: Voucher:

8/13/2015 00000010

Contract:

CON00020996

Contract Type:

CPFF

P.O. Ref:

Client Ref: EP-C-11-038/TO 0026 PR-ORD-14-01577

PLEASE INCLUDE OUR INVOICE NUMBER AND CUSTOMER ID AS REFERENCED ABOVE ON THE REMITTANCE ADVICE. THANK YOU. BILLING PERIOD FROM 5/29/2015 TO 6/25/2015

Cost Appropriation

\$13,230.00

Fee Appropriation

\$789.00

COST ELEMENTS

CUMULATIVE

Direct Labor - BCO

Direct Labor - BTSO

Fringe Benefits-Salaried - BCO 42.0%

Fringe Benefits-Salaried - BTSO

Division Overhead - BCO 63.1%

Division Overhead - BTSO

Special Facilities & Services - BCO

Special Facilities & Services - BTSO

General & Administrative - BCO 26.5%

General & Administrative - BTSO

Cost of Facilities Capital-DOH - BCO

Cost of Facilities Capital-G&A - BCO

Cost of Facilities Capital-G&A - BTSO

Total BEFORE Fee

Fee - Fixed

Total Fee

Net Total Cost

CURRENT

Net Amount Due:

\$47.95

47.95

Le Mars

I certify that all payments requested are for appropriate purposes and in accordance with the agreements set forth in the contract.

(Name of Official)

Accounting Officer

(Title)

All costs are calculated at the transaction level, but summarized for Billing purposes. Therefore, some rounding differences may occur.

đ		

Billing Data Report - CBI - Exemption 4 - withheld



July 15, 2015

Camille Davis
Contract Specialist
Cincinnati Procurement Operations Division
26 W. Martin Luther King Drive
Cincinnati, Ohio 45268

Dear Ms. Davis:

Contract No. EP-C-11-038/Task Order 0026 "Technical Support for the Site Characterization and Monitoring Technical Support Center (SCMTSC) Optional Year 2"

Enclosed is Task Order 0026 Technical/Financial Progress Report for the period May 29, 2015, through June 25, 2015.

An invoice for effort expended under Task Order 0026 for this period was sent to <u>DDC-Klnvoices@epa.gov</u> on July 15, 2015, for processing.

Please contact me at (561) 598-6505 if you have any comments, questions, or suggestions.

Sincerely,

Amy Dindal

Contract Manager

Energy and Environment

Shuy B Jinda

AD:llc

Enclosures

cc: Jorge Rangel (EPA Project Officer)

Ruth Corn (EPA Alternate Project Officer)

Bill Hagel (EPA Task Order Contracting Officer Representative, TO 0026)

Felicia Barnett (EPA Alternate Task Order Contracting Officer Representative, TO 0026)

Technical Progress Report

for

June 2015

Contract No. EP-C-11-038 Task Order 0026

from

Contract Manager – Amy Dindal Task Order Leader – Tom Kelly

to

Contract Specialist – Camille Davis
Project Officer – Jorge Rangel
Task Order Contracting Officer Representative (TOCOR) – Bill Hagel

Technical Support for the Site Characterization and Monitoring Technical Support Center (SCMTSC) Optional Year 2

SECTION I. SCOPE

This TO is to provide technology-based assistance to EPA's Regional Remedial Project Managers and On-Scene Coordinators through the Superfund Technical Support Project (TSP) which was established by the Office of Solid Waste and Emergency Response (OSWER), Regional Superfund Offices, and the Office of Research and Development (ORD). The primary objectives of the Site Characterization and Monitoring Technical Support Center (SCMTSC), managed by the Superfund and Technology Liaison Program of the Office of Science Policy, are to help regional project managers:

- 1. Use state-of-the-science tools to characterize and monitor hazardous sites;
- Research state-of-the-science information, innovative technologies, and products and services;
- Evaluate and apply innovative characterization and monitoring technologies and procedures properly and consistently;
- 4. Acquire relevant technical support and expert reviews of scientific documents.

Technical directives (TDs) under this TO are intended to provide technical expertise to ensure that hazardous waste site characterization and assessments use sound science and that sampling, monitoring, analytical, and quality control methods and requirements are effective to achieve project objectives. Under this TO Battelle provides technical expertise and knowledge on innovative technologies that include:

- Technologies for on-site measurements of inorganic and organic contaminants
- · Special (non-routine) laboratory analysis

- Sampling and monitoring approaches to determine levels and extent of site contaminants
- Models that predict contaminant movement and disposition/deposition
- Special (non-routine) contaminant identification (such as: Tentatively Identified Compounds (TICs), contaminant isomers, and fingerprinting), and
- Evaluations of work plans, sampling and analysis plans, quality assurance project plans, and other site-related technical documents.

SECTION II. TECHNICAL PROGRESS FOR CURRENT REPORTING PERIOD

Exemption 4 Confidential Business Information (CBI)

TD3-03 B.F. Goodrich Site: In June Battelle completed the revision of the HHRA report and the RI report; those documents were undergoing editorial review and were nearly ready for submission at the end of the month. Battelle also received review comments on the draft BERA and incorporated revisions into the final BERA report.

Exemption 4 Confidential Business Information (CBI)

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Exemption 4 Confidential Business Information (CBI)

SECTION III. DIFFICULTIES ENCOUNTERED

No problems were encountered in this reporting period.

SECTION IV. ANTICIPATED ACTIVITY FOR NEXT REPORTING PERIOD

Exemption 4 Confidential Business Information (CBI)

TD3-03: In July revisions and submission of the HHRA, BERA, and RI will be completed.

Exemption 4 Confidential Business Information (CBI)

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SECTION V. SCHEDULES OF DELIVERABLES

Exemption 4 Confidential Business Information (CBI)

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TD3-03: Schedule of Deliverables

Deliverable	Due Date	Actual Date
TDF2 Form	September 8, 2014	September 10, 2014
Draft RI Report	November 7, 2014	November 12, 2014
Final RI Report	June 30, 2015	
TDF2 for HHRA and BERA	February 20, 2015	February 20, 2015
Approval of TDF2 for HHRA and BERA	February 27, 2015	February 23, 2015
Draft HHRA Report	April 22, 2015	April 29, 2015
Final HHRA Report	June 30, 2015	•
Draft BERA Report	May 1, 2015	May 14, 2015
Final BERA Report	July 15, 2015	

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SECTION VI. CURRENT EXPENDITURES

	May 29, 2015 June 25, 2015	Cumulative Expended through Present	Task Order 0026 Total Appropriation
Total Cost Total Fee Total Cost plus Fe			\$383,904
Technical hours:	Exemption 4 Confider	tial Business Information	3,200
	Exemption 4 Confidentia	al Business Information ((CBI)
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	Exemption 4 Confidenti	al Business Information	(CBI)
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	May 29, 2015 June 25, 2015	Cumulative Expended through Present	Task Order 0026 TD 3-3 Total Appropriation
Total Cost Total Fee	\$0 \$0	\$91,939 \$5,490	
Total Cost plus Fee	\$0	\$97,429	\$97,429
Technical hours:) or it on entrandities 0.00	931.70	804

	May 29, 2015 June 25, 2015	Cumulative Expended through Present	Task Order 0026 TD 3-3 MOD Total Appropriation
Total Cost Total Fee	\$10,754 \$638	\$90,212 \$5,349	
Total Cost plus Fee	\$11,392	\$95,561	\$102,545
Technical hours: Battelle	95.50	760.50	804

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SECTION VIII. LABOR CATEGORY SUMMARY

Technical Support for the Site Characterization and Monitoring Technical Support Center (SCMTSC) OY2

EPA STREAMS Contract No. EP-C-11-038/26

Current Month Reporting Period: May 29 - June 25, 2015

EPA Labor Category	Staff Member Name	Current Month Hours	Cumulative Hours Delivered
P4 Engineer		_	_
<u>.6</u>	Voorhies, Nat	1	_
- 12 + 13	Rosansky, Stephen	m —	- -
P4 Scientist		Exemption 4 Confidential Business Information (CBI)	- 2
	Barton, Drew	i —	- [
	Brennan, Sarah	- 4	- 🗼
	Hicks, Jim	§ —	- <u> </u>
	Kelly, Tom	₹ —	4
	Large, Mona	en —	- 8
	Mullins, Larry	tial —	- <u>ă</u>
	Rodgers, Pam	₽ —	- der
	Smith, Jane	sin —	- n
	Chappie, Daniel J	ess —	- 6
	Thurston, Heather L	= -	- <u>}≅</u> .
	Richardson, Norman A	fg	- les
	Hines, Stephanie	ma —	
	Cutie, Elizabeth A	tio —	- <u>i</u>
	Tracy,Karen L	<u>6</u> –	- 3
P3 Engineer		<u>s</u> ==	ation
P3 Scientist	Rectanus, Heather	_	Confidential Business Information (CBI)
J Scientist		W	- =
	Bullard, Andy		-
	MacGregor, lan	****	-
	DeYoung, Damon	5-30-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0	. .
2 Engineer			=
	Hanft, Elizabeth	-	-

2 Scientist				-
		Hawkins, Jared	m	
		Kucharzyk, Katarzyna H	×	-
		Langton, Melissa L	<u> </u>	Ē *
T. Fruironmot	ntal Technici	an	Exemption 4 Confidential Business Information (CBI)	-
T Environmen	ital recimion	Lindner, Marcie	<u> </u>	<u>-2</u>
		Lescarbeau, Gregory	fid	= #
C Clerical				
		Copley, Rhonda	<u>B</u>	
		Golden, Holly D	Si	_
		Gollihue, Tiffani	in	_
		Castle, Kathy L	ss in	=
PA Program A	dministrator			
17.	11.	Clay, Lisa		=
GD Graphic De	esigner		on	-
,00	- B	Chiques, Leonardo		_
		Saylor, Victor J		'=
E Editor				
4. 1	-(Quigley, Kelly	<u> </u>	
Total Hou	rs		146.25	2,469.15

STANDARD FORM 1034
REVISED JANUARY 1980
DEPARTMENT OF THE TREASUR

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RTP, NC 27			REQUISITION NUMBER A	ND DATE				
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AND ADDRESS		IS, OHIO 43260	DUNS NO: 0			DISCOUNT TERMS		
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05/29/2015 TO 06/25/2015		COST REIMBURSABLE PR Please See Attached C	OVISIONAL PAYMENT	3		COST	PER	
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PAYMENT	APPROVED		(Payee must NOT u	se the spacepelow)			TOTAL	\$18,861.66
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ted States			REQUISITION NUMBER AND D	ATE			
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NUMBER ND DATE	DATE OF DELIVERY OR	(Enter description, item number schedule, and other information	of contract or Federal supply	TITY	COST PER		
FORDER	SERVICE	schedule, and other informa	ation deemed necessary)			\$47.95	
	5/29/2015	I certify that all payments requested are for	C		i		
	то	appropriate purposes and in accordance with the agreements set both in the contract.	1		V		
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PRIVACY ACT STATEMENT

The information requested on this form is required under the provisions of 31 U.S.C. 82b and 82c, for the purpose of disbursing Federal money. The information requested is to identify the particular creditor and the amounts to be paid Failure to furnish this information will hinder discharge of the payment obligation.

APD PE V4 04



August 17, 2015

Camille Davis
Contract Specialist
Cincinnati Procurement Operations Division
26 W. Martin Luther King Drive
Cincinnati, Ohio 45268

Dear Ms. Davis:

Contract No. EP-C-11-038/Task Order 0026 "Technical Support for the Site Characterization and Monitoring Technical Support Center (SCMTSC) Optional Year 2"

Enclosed is Task Order 0026 Technical/Financial Progress Report for the period June 26, 2015, through July 30, 2015.

An invoice for effort expended under Task Order 0026 for this period was sent to <u>DDC-KInvoices@epa.gov</u> on August 17, 2015, for processing.

Please contact me at (561) 598-6505 if you have any comments, questions, or suggestions.

Sincerely,

Amy Dindal

Contract Manager

Energy and Environment

Suy B Jindal

AD:llc

Enclosures

cc: Jorge Rangel (EPA Project Officer)

Ruth Corn (EPA Alternate Project Officer)

Bill Hagel (EPA Task Order Contracting Officer Representative, TO 0026)

Felicia Barnett (EPA Alternate Task Order Contracting Officer Representative, TO 0026)

Technical Progress Report

for

July 2015

Contract No. EP-C-11-038 Task Order 0026

from

Contract Manager – Amy Dindal Task Order Leader – Tom Kelly

to

Contract Specialist – Camille Davis
Project Officer – Jorge Rangel
Task Order Contracting Officer Representative (TOCOR) – Bill Hagel

Technical Support for the Site Characterization and Monitoring Technical Support Center (SCMTSC) Optional Year 2

SECTION I. SCOPE

This TO is to provide technology-based assistance to EPA's Regional Remedial Project Managers and On-Scene Coordinators through the Superfund Technical Support Project (TSP) which was established by the Office of Solid Waste and Emergency Response (OSWER), Regional Superfund Offices, and the Office of Research and Development (ORD). The primary objectives of the Site Characterization and Monitoring Technical Support Center (SCMTSC), managed by the Superfund and Technology Liaison Program of the Office of Science Policy, are to help regional project managers:

- 1. Use state-of-the-science tools to characterize and monitor hazardous sites;
- Research state-of-the-science information, innovative technologies, and products and services;
- Evaluate and apply innovative characterization and monitoring technologies and procedures properly and consistently;
- 4. Acquire relevant technical support and expert reviews of scientific documents.

Technical directives (TDs) under this TO are intended to provide technical expertise to ensure that hazardous waste site characterization and assessments use sound science and that sampling, monitoring, analytical, and quality control methods and requirements are effective to achieve project objectives. Under this TO Battelle provides technical expertise and knowledge on innovative technologies that include:

- Technologies for on-site measurements of inorganic and organic contaminants
- Special (non-routine) laboratory analysis

- Sampling and monitoring approaches to determine levels and extent of site contaminants
- Models that predict contaminant movement and disposition/deposition
- Special (non-routine) contaminant identification (such as: Tentatively Identified Compounds (TICs), contaminant isomers, and fingerprinting), and
- Evaluations of work plans, sampling and analysis plans, quality assurance project plans, and other site-related technical documents.

SECTION II. TECHNICAL PROGRESS FOR CURRENT REPORTING PERIOD

Exemption 4 Confidential Business Information (CBI)

TD3-03 B.F. Goodrich Site: Battelle submitted the Final BF Goodrich Remedial Investigation (RI) report, including the Human Health Risk Assessment (HHRA) report and Baseline Environmental Risk Assessment (BERA) report as appendices, to EPA and regulatory agencies on July 1. Comments on the Final BF Goodrich RI report were received from EPA and selected regulators, and Battelle began making revisions to address those comments.

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SECTION III. DIFFICULTIES ENCOUNTERED

No problems were encountered in this reporting period.

SECTION IV. ANTICIPATED ACTIVITY FOR NEXT REPORTING PERIOD

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TD3-03: In August Battelle will incorporate regulator comments into the Final BF Goodrich RI report and will submit the Final report to all stakeholders.

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SECTION V. SCHEDULES OF DELIVERABLES

TD3-03: Schedule of Deliverables

Deliverable	Due Date	Actual Date
TDF2 Form	September 8, 2014	September 10, 2014
Draft RI Report	November 7, 2014	November 12, 2014
Final RI Report	June 30, 2015	July 1, 2015 ^a
TDF2 for HHRA and BERA	February 20, 2015	February 20, 2015
Approval of TDF2 for HHRA and BERA	February 27, 2015	February 23, 2015
Draft HHRA Report	April 22, 2015	April 29, 2015
Final HHRA Report	June 30, 2015	July 1, 2015 ^a
Draft BERA Report	May 1, 2015	May 14, 2015
Final BERA Report	July 15, 2015	July 1, 2015 ^a

a: Final regulatory review still in progress.

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SECTION VI. CURRENT EXPENDITURES

	June 26, 2015 July 30, 2015	Cumulative Expended through Present	Task Order 0026 Total Appropriation
Total Cost Total Fee		# H	
Total Cost plus Fee			\$419,881
Technical hours: Battelle	Exemption 4 Confident	tial Business Information	(CBI) = 3,200

	June 26, 2015 July 30, 2015	Cumulative Expended through Present	Task Order 0026 TD 3-3 Total Appropriation
Total Cost Total Fee	\$0 \$0	\$91,939 \$5,490	
Total Cost plus Fee	\$0	\$97,429	\$97,429
Technical hours:		E 488	
Battelle	0.00	931.70	804

	June 26, 2015 July 30, 2015	Cumulative Expended through Present	Task Order 0026 TD 3-3 MOD Total Appropriation
Total Cost Total Fee	\$6,584 \$400	\$96,796 \$5,749	*
Total Cost plus Fee	\$6,984	\$102,545	\$102,545
Technical hours: Battelle	58.75	819.25	804

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SECTION VIII. LABOR CATEGORY SUMMARY

Technical Support for the Site Characterization and Monitoring Technical Support Center (SCMTSC) OY2

EPA STREAMS Contract No. EP-C-11-038/26

Current Month Reporting Period: June 26 - July 30, 2015

EPA Labor Category	Staff Member Name	Current Month Hours	Cumulative Hours Delivered
P4 Engineer		-	
	Voorhies, Nat	e <u>=</u>	_
	Rosansky, Stephen	_	_
P4 Scientist			_
	Barton, Drew	Xen —	
	Brennan, Sarah	ngt –	-
	Hicks, Jim	9 —	_
	Kelly, Tom	- 4	
	Large, Mona	š –	 0
	Mullins, Larry	₫ —	_
	Rodgers, Pam	<u>e</u> —	-
	Smith, Jane	<u> </u>	_
	Chappie, Daniel J	B —	- :
	Thurston, Heather L	ši —	-
	Richardson, Norman A	- 28 	- :
	Hines,Stephanie	<u> </u>	-
	Cutie, Elizabeth A	or —	-
	Tracy,Karen L	nati	- 3
P3 Engineer		Exemption 4 Confidential Business Information (CBI)	
請	Ellis, Jeffrey	유 -	- }
	Rectanus, Heather	=	- [
	Darlington, Ramona		- ž
	Krishnan Nair, Deepti	S-37-	-
23 Scientist		-	-
	Bullard, Andy	-	
	MacGregor, lan	1)	3
See Anna Control of the Control of t	DeYoung, Damon	7	-
2 Engineer			

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P2 Scientist			#80 #840
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	Hawkins, Jared		-
	Kucharzyk,Katarzyna H		-
	Langton, Melissa L	— (en	_
T Environmenta	l Technician		Ξ
3. 300	Lindner, Marcie	ĕ	_
	Lescarbeau, Gregory	<u>0</u>	_
C Clerical	zestarbeau, Gregory	of	_ ;
C Cierical		— ide	=
	Copley, Rhonda		_
	Golden, Holly D	B	_ }
	Gollihue, Tiffani	— <u>⊑</u> .	_
	Castle, Kathy L	— nes	_ 8
PA Program Admir	nistrator	<u> </u>	=
	Clay, Lisa	— form	_ =
GD Graphic Design	er	Exemption 4 Confidential Business Information (CBI)	
200	Chiques, Leonardo	— <u> </u>	
	Saylor, Victor J	— ≌	_ =
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	Quigley, Kelly		_ ~
Total Hours			=
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